

# ABSTRACT OF THE DISCLOSURE

Disclosed is a photothermographic material containing at least a photosensitive silver halide, a non-photosensitive silver salt of an organic acid, a reducing agent for silver ions and a binder on one surface of a support, wherein the material contains a compound producing imagewise a chemical species that can form development initiation points on and in the vicinity of the non-photosensitive silver salt of an organic acid or the like and an organic gold compound and the photosensitive silver halide has a mean grain size of 0.12  $\mu\text{m}$  or less. This photothermographic material shows high sensitivity, low fog, high Dmax (maximum density), little increase of fog during storage and low temperature and humidity dependency during development.

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